Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

		•		,	•	•		•							
Annlie	cation Dat	ot 37 i	76 Attorney Docke			et N	t Number 13316			3316/3294					
Application Data Sheet 37 CFI				App			lication Number								
Title of	IDEO CODER EMPLOYING ADAPTIVE LINEAR REGRESSION BITS MODELING														
bibliograp This docu	ication data she ohic data arrang ument may be ut may be printe	ed in a fo	ormat spe ed electro	cified by the nically and s	United Submitted	States d to th	Patent a	nd Tra	ademark Of	ffice as o	utlined	in 37 C	FR 1.76.		
Secre	cy Ordei	37 C	CFR 5	.2											
	rtions or all of CFR 5.2 (P														ursuant to
Applic	cant Info	rmati	ion:												
Applica	ant 1												Remo	ve	
Applica	ant Authorit	y • Inv	/entor	○Legal F	Representative under 35 U.S.C. 117				7 Party of Interest under 35 U.S				S.C. 118		
Prefix	Given Nam	ie			Middle	e Naı	me			Famil	ly Nar	ne			Suffix
	Atul									PURI					
Reside	ence Inform	ation (	Select (	One) 💿	JS Res	JS Residency O Non US Res				sidency Active US Military Service					ce
City	Mountain Vie	ew		Sta	te/Pro	e/Province CA Country			y of Re	esiden	ice i	US			
Citizen	ship under	37 CFF	R 1.41(b	)i Us											
Mailing	g Address o	f Appli	cant:												
Addres	ss 1	2	400 Wes	t El Camin	o Real,	#109									
Addres	ss 2														
City	Mountai	n View						Stat	e/Provin	ice	CA				
Postal	Code	9	4040		<b>Country</b> i US						•				
	entors Must ted within thi						nforma	tion	blocks i	may be	е		Add		
Corre	sponden	ice In	form	ation:											
	either Custo ther informa			•		Corr	espon	denc	e Inform	nation	sectio	n bel	low.		
☐ An	n Address is	being	provid	ed for the	corre	spon	idence	Info	rmation	of this	appli	icatio	n.		
Customer Number 62132															
Email Address rhails@kenyon.				)kenyon.co	com						Add E	mail	Remov	ve Email	
Applic	cation In	form	ation:	:											
Title of the Invention RATE CONTROL MODELING					FOR V	/IDEC	CODE	R EM	IPLOYING	3 ADAP	TIVE L	INEA	R REGR	ESSION	BITS
Attorney Docket Number 13316/3294				/3294	Small Entity Status Claimed										
Application Type Nonprovisional				ovisional											
Subjec	t Matter														
Suggested Class (if any)						Sub Clas					ss (if any)				
Sugges	sted Techno	ology C	enter (i	if any)											
Total N	Total Number of Drawing Sheets (if any) 28 Suggested Figure for Publication (if any)														
		-			1			1	-	_					1

	Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.								
Application Data S	heet 37 CFR 1 76	Attorney Docket Number	13316/3294	•					
Application bata o		Application Number							
Title of Invention RAT	E CONTROL FOR VIDEO	ITROL FOR VIDEO CODER EMPLOYING ADAPTIVE LINEAR REGRES							
Publication Info	rmation:								
Request Early Publication (Fee required at time of Request 37 CFR 1.219)									
Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.  C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.									
Representative Information:									
Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.									
Please Select One:	Customer Number	r US Patent Practition	ner 🔵 Lii	mited Recogr	cognition (37 CFR 11.9)				
Customer Number	62132								
Domestic Benefit/National Stage Information:									
	<u>_</u> _								
This section allows for the entry from a PCT application	applicant to either claim bon. Providing this informat	e Information: enefit under 35 U.S.C. 119(e), ion in the application data shee CFR 1.78(a)(4), and need not o	et constitutes th	e specific ref	ference required by				
This section allows for the entry from a PCT application	applicant to either claim bon. Providing this informat nd 37 CFR 1.78(a)(2) or 0	enefit under 35 U.S.C. 119(e), ion in the application data shee	et constitutes th	ne specific ref	ference required by				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a	applicant to either claim bon. Providing this informat nd 37 CFR 1.78(a)(2) or 0	enefit under 35 U.S.C. 119(e), ion in the application data shee CFR 1.78(a)(4), and need not o	et constitutes th	ne specific ref ade part of the	ference required by e specification.				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State	applicant to either claim bon. Providing this informatind 37 CFR 1.78(a)(2) or 0	enefit under 35 U.S.C. 119(e), ion in the application data shee CFR 1.78(a)(4), and need not o	et constitutes the therwise be ma	ne specific ref ade part of the	ference required by e specification.				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number	applicant to either claim bon. Providing this informatind 37 CFR 1.78(a)(2) or Cus  Continuity  nefit/National Stage Da	enefit under 35 U.S.C. 119(e), ion in the application data shee CFR 1.78(a)(4), and need not o	et constitutes the therwise be ma	ne specific ref ade part of the Re Filing Da	ference required by e specification.				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number Additional Domestic Ber	applicant to either claim bon. Providing this information 37 CFR 1.78(a)(2) or Cus  Continuity  nefit/National Stage Datton.	enefit under 35 U.S.C. 119(e), ion in the application data sheet CFR 1.78(a)(4), and need not on the Erype Prior Application	et constitutes the therwise be ma	ne specific ref ade part of the Re Filing Da	ference required by e specification.  emove ate (YYYY-MM-DD)				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number  Additional Domestic Ber by selecting the Add bu  Foreign Priority I  This section allows for the	applicant to either claim bon. Providing this information:  Continuity  mefit/National Stage Datton.  applicant to claim benefit	enefit under 35 U.S.C. 119(e), ion in the application data sheet CFR 1.78(a)(4), and need not on the Erype Prior Application	et constitutes the therwise be manufactured by the therwise be manufactured by the thermited by the thermite	ne specific ref ade part of the Re Filing Da	ference required by e specification.  emove  ate (YYYY-MM-DD)  Add  on for which priority is				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number  Additional Domestic Berby selecting the Add bu  Foreign Priority I  This section allows for the not claimed. Providing this and 37 CFR 1.55(a).	applicant to either claim bon. Providing this informat and 37 CFR 1.78(a)(2) or Cus  Continuity  nefit/National Stage Datton.  applicant to claim benefit information in the applica	enefit under 35 U.S.C. 119(e), ion in the application data sheet care and to the complex of the	et constitutes the therwise be manution Number this form	e specific ref ade part of the Re Filing Da ign application y as required	ference required by e specification.  emove  ate (YYYY-MM-DD)  Add  on for which priority is by 35 U.S.C. 119(b)				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, and Prior Application State Application Number Additional Domestic Berloy selecting the Add but Foreign Priority I This section allows for the not claimed. Providing this	applicant to either claim bon. Providing this information:  Continuity  mefit/National Stage Datton.  applicant to claim benefit	enefit under 35 U.S.C. 119(e), ion in the application data sheet care and to the complex of the	et constitutes the therwise be manution Number this form	e specific ref ade part of the Re Filing Da ign application y as required	ference required by e specification.  emove  ate (YYYY-MM-DD)  Add  on for which priority is by 35 U.S.C. 119(b)  emove  Priority Claimed				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number  Additional Domestic Ber by selecting the Add buton by selecting the Add buton to claimed. Providing this and 37 CFR 1.55(a).  Application Number	applicant to either claim bon. Providing this informat and 37 CFR 1.78(a)(2) or Cus  Continuity  nefit/National Stage Datton.  applicant to claim benefit information in the applica  Country  Country	enefit under 35 U.S.C. 119(e), ion in the application data sheet care and to the complex of the	et constitutes the therwise be manufactured by the therwise be manufactured by the thermise between this form  I any prior fore claim for priority  Date (YYYY-I)	ign application y as required	ference required by e specification.  emove  ate (YYYY-MM-DD)  Add  on for which priority is by 35 U.S.C. 119(b)				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number  Additional Domestic Berby selecting the Add but  Foreign Priority I  This section allows for the not claimed. Providing this and 37 CFR 1.55(a).  Application Number  Additional Foreign Prior Add button.	applicant to either claim bon. Providing this information of the continuity of the c	renefit under 35 U.S.C. 119(e), ion in the application data sheet cFR 1.78(a)(4), and need not on the complex of the complex o	et constitutes the therwise be manufactured by the therwise be manufactured by the thermise between this form  I any prior fore claim for priority  Date (YYYY-I)	ign application y as required	errence required by e specification.  errove  ate (YYYY-MM-DD)  Add  on for which priority is by 35 U.S.C. 119(b)  errove  Priority Claimed  Yes No				
This section allows for the entry from a PCT application 35 U.S.C. 119(e) or 120, a Prior Application State Application Number  Additional Domestic Ber by selecting the Add but  Foreign Priority I  This section allows for the not claimed. Providing this and 37 CFR 1.55(a).  Application Number  Additional Foreign Prior Add button.  Assignee Informa	applicant to either claim bon. Providing this information of the continuity of the c	enefit under 35 U.S.C. 119(e), ion in the application data sheet CFR 1.78(a)(4), and need not on the application data sheet that a may be generated within the application data sheet constitutes the application dat	et constitutes the therwise be made therwise be made tion Number this form  y any prior fore claim for priorit  Date (YYYY-I	ign application y as required	ference required by e specification.  emove  ate (YYYY-MM-DD)  Add  on for which priority is by 35 U.S.C. 119(b)  emove  Priority Claimed  Yes No				

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Da	eet 37 CFR 1.76	Attorney Do	cket Number	13316/3294					
Application Da	ee 37 CFK 1.76	Application Number							
Title of Invention	RATE	CONTROL FOR VIDEO	O CODER EMPLOYING ADAPTIVE LINEAR REGRESSION BITS MODELING						
<u></u>									
If the Assignee is an Organization check here.									
Organization Name	е д	PPLE INC.							
Mailing Address Information:									
Address 1		1 INFINITE LOOP							
Address 2									
City		CUPERTINO	State/Provin		псе	CA			
Country i US			Postal Code			95014-2084			
Phone Number				Fax Number					
Email Address				•					
Additional Assignee Data may be generated within this form by selecting the Add button.									

## Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.										
Signature	/Robert L. Hails/		Date (YYYY-MM-DD) 2009-08-07							
First Name Robert		Last Name	Hails	Registration Number	39702					

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** 

## **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.